



# Phenomenology 2018 Symposium

## Monday, 7 May 2018

### DM II - G-30 (16:30 - 18:30)

time	[id] title	presenter
16:30	[548] $SU(5) \times U(1)_X$ Grand Unification with Minimal Seesaw and $Z'$ -portal Dark Matter	Prof. OKADA, Nobuchika
16:45	[477] J-factors for Velocity-Dependent Dark Matter Annihilation	KUMAR, Jason
17:00	[584] GeV-Mass Thermal WIMPs: Not Even Slightly Dead	LEANE, Rebecca
17:15	[627] Thermal Dark Matter Through the Dirac Neutrino Portal	SHAMS ES HAGHI, Barmak
17:30	[502] Upgoing ANITA events as evidence of a heavy dark matter component in the Earth's interior	ANCHORDOQUI, Luis ANCHORDOQUI, Luis
17:45	[529] Annihilation rates of wino dark matter from an effective field theory approach	JOHNSON, Evan
18:00	[481] Gravity-Mediated Dark Matter Annihilation in the Randall-Sundrum Model	RUETER, Thomas
18:15	[560] Collider & Astrophysical Phenomenology of Massive Spin-2 Mediated WIMP Dark Matter	FOREN, Dennis